

UN93B Rabbit pAb

CatalogNo: YN3994

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 66kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human UN93B AA range: 347-397

Specificity

This antibody detects endogenous levels of UN93B at Human/Mouse

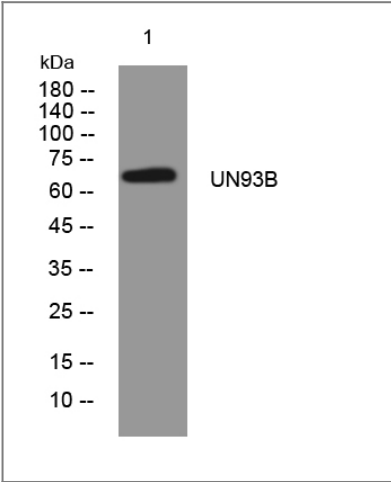
Target Information

Gene name

UNC93B1 UNC93 UNC93B

Protein Name	UN93B		
	Organism	Gene ID	UniProt ID
	Human	81622 ;	Q9H1C4 ;
	Mouse	54445 ;	Q8VCW4 ;
Cellular Localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Endosome . Lysosome . Cytoplasmic vesicle, phagosome . Relocalizes from endoplasmic reticulum to endosome and lysosome upon cell-stimulation with CpG dinucleotides (By similarity). Colocalizes with LAMP5 in large endosomal intracellular vesicles. .		
Tissue specificity	Expressed in plasmacytoid dendritic cells (at protein level). Highly expressed in antigen-presenting cells. Expressed in heart, and at lower level in kidney. Expressed at low level in other tissues.		
Function	Disease:Defects in UNC93B1 are associated with susceptibility to herpes simplex encephalitis (HSE) [MIM:610551]. HSE is a rare complication of human herpesvirus 1 (HHV-1) infection, occurring in only a small minority of HHV-1 infected individuals. HSE is characterized by hemorrhagic necrosis of parts of the temporal and frontal lobes. Onset is over several days and involves fever, headache, seizures, stupor, and often coma, frequently with a fatal outcome. UNC93B-deficient HSE does not compromise immunity to most pathogens, unlike most known primary immunodeficiencies.,online information:UNC93B1 mutation db,similarity:Belongs to the unc-93 family.,tissue specificity:Expressed in heart, heart, and at lower level in kidney. Expressed at low level in other tissues.,		

| Validation Data



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night

| Contact information

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product information:
UN93B Rabbit pAb

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